

**Finishing Schedule of Hostel Block**

**Dated  
21.05.2024**

S.No.	Description	Flooring	Skirting	Walls internal	Ceiling	Doors		Windows/ ventilators		REMARK
						Frame	Shutter	Frame	Shutter	
1	<b>Entrance Lobby, Foyer, Common Rooms</b>	18mm thk. Granite stone flooring as per approved pattern / design	--	18mm thk. Granite Dado upto window cill and above Acrylic emulsion paint having low VOC over POP <b>(2mm thick cement putty)</b> putty base to 6mm thick plaster	Gypsum board boxing at periphery (for AC duct covering) & exposed ceiling in balance area	Anodised Aluminium extruded section (Anodizing Colour: Light Bronze) <b>(50 Micron)</b>	<b>Anodised (50 Micron)</b> Aluminium extruded section glazed shutter with glass spec. as/ Green Building norms & stainless steel hinges. (Anodizing Colour: Light Bronze)	<b>Anodised (50 Micron)</b> Aluminium extruded section (Anodizing Colour: Light Bronze).	Anodised Alum. Section <b>with glazing and wire gauge shutters</b>	All Base frame should be Non- Anodised
4	<b>Office, Warden Room, Caretaker Room</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 600mmx600mm	-	150 high skirting of flooring material flush with wall. Acrylic emulsion paint having low VOC over POP <b>(2mm thick cement putty)</b> putty base to 6mm thick plaster	Acrylic emulsion paint having low VOC over plaster surface	Laminated flush door shutter with teak wood frame, as per approved manufacture specification.		Anodised Alum. Box section (Anodizing Colour: Light Bronze)	Anodised Alum. Section with SGU as per Green Building norms + <b>wire gauge shutter</b>	All Counter top finished with 18mm thk. Granite stone of approved shade, as per detail
5	<b>Room</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 600mmx600mm	-	Acrylic emulsion paint having low VOC over POP <b>Cement putty 2MM</b> base to 6mm thick plaster surface.	Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Laminated flush door shutter with teak wood frame, as per approved manufacture specification.		Anodised Alum. Box section (Anodizing Colour: Light Bronze)	Anodised Alum. Section with SGU as per Green Building norms + <b>wire gauge shutter</b>	All Counter top finished with 18mm thk. Granite stone of approved shade, as per detail
6	<b>Passage/ Corridors</b>	18mm thk. Granite stone flooring as per approved pattern / design	--	<b>100mm high 15mm thick Granite stone Exposed Concrete</b>	Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	-	-	Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Aluminum Section, (light bronze color) with glass as per Green Building norms	All Base frame should be Non- Anodised
7	<b>Electric room</b>	Locally available Granite Stone	100 mm high, Locally available Granite Stone stone skirting	Acrylic emulsion paint having low VOC over POP putty base over plaster surface	Acrylic emulsion paint having low VOC over plaster surface	Metal Fire check door frame & shutters with vision panel as per approved manufacture specification (with 02 hours fire rating)		Anodised <b>(50 Micron)</b> Aluminium Extruded section (Anodizing Colour: Light Bronze).	Anodised <b>(50 Micron)</b> Aluminium Section, light bronze color with glass as per Green Building norms	All Base frame should be Non- Anodised
8	<b>Store</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 600mmx600mm	100 mm high, Locally available Granite Stone stone skirting	Acrylic emulsion paint having low VOC over POP putty base over plaster surface.	Acrylic emulsion paint having low VOC over plaster surface	Metal door frame and shutters with vision panel as per approved manufacture specification		Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Aluminum Section, light bronze color with glass	All Base frame should be Non- Anodised

S.No.	Description	Flooring	Skirting	Walls internal	Ceiling	Doors		Windows/ ventilators		REMARK
						Frame	Shutter	Frame	Shutter	
9	<b>Lift lobby</b>	16-18 mm thk. Granite stone flooring as per approved pattern/design	--	Combination of HPL and 16-18mm thk Granite Stone Cladding	Acrylic emulsion paint having low VOC over over <b>plaster surface</b>	Metal Fire check door frame & glazed shutters as per approved manufacture specification (with 02 hours fire rating)		Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Aluminum Section, light bronze color with glass	All Base frame should be Non- Anodised
10	<b>Staircases</b>	Single piece,16-18 mm thk. Locally available Granite Stone stone with 2nos. (Check the Same), 5x5mm groove in tread stone, as per		Textured paint of approved shade	Acrylic emulsion paint having low VOC over over <b>plaster surface(2mm thick cement putty)</b>	Metal Fire check door frame & shutters with vision panel as per approved manufacture specification (with 02 hours fire rating) Metal door & shutter(non Fire check) at exit position		Anodised Aluminium Box section	Anodised Aluminum Section, light bronze color with glass as per Green Building norms	All Base frame should be Non- Anodised
11	<b>Toilets</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 600mmx600mm	-	300x600x8mm digital printed Ceramic Tiles upto lintel level + <b>(2mm thick cement putty and acrylic emulsion paint)</b>	<b>Gypsum board false ceiling (Aluminium powder coated ceiling tiles 600X 600mm with GI welded frame.</b>	Laminated flush door shutter with powder coated aluminium frame (with aluminium section insert), as per approved manufacture specification. Louvered panel from lintel level upto beam bottom		Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Alum. Section	18mm thk. Granite used in Counter & Urinal partition. Internal Partition for cubicle of HPL of approved make & shade
12	<b>Parking Area</b>	Heavy duty interlocking turf paving blocks/ Grass pavers	-	-	-	-	-	-	-	-
13	<b>Open terraces</b>	Terrace Water proofing treatment comprising of cement slurry mixed with water proofing cement compound consisting of applying: (a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. (b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. (c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. (d) fourth and final layer of Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 grams per 50 kg of cement in cement mortar,including providing and mixing water proofing material in mortar @ 1 kgper 50 kg of cement, all complete as per direction of Engineer-in-charge.								
14	<b>Sanitary Fittings</b>	White vitreous china oval shaped wash basin with granite platform/ counter, and push cocks based pillar cock. WC with dual control water low level flushing cistern.Health faucet and CP brass toilet fixtures,Half stall urinals with sensors for saving of water, liquid soap dispenser, towel rails, <b>hand drier etc. stainless steel.</b>								
15	<b>Water Supply</b>	Exposed on wall <b>GI pipes</b> and Concealed pipes for internal water supply <b>shall be heavy duty CPVC pipes</b> as per the requirement with CP push cocks to save water.								
16	<b>External Development</b>	i) <b>Rain water PVC pipe as per specifications.</b> ii) <b>Sewer lines with DWC HDPE-IS-16098(Part-2)2013.</b> iii) .SMC panel tanks (as per green building norms). <b>iv) Water supply distribution main grid HDPE-PE-100 PN-16, w/s pipes from main grid to overhead tank, HDPE-PE-63 PN-8, concealed pipes with heavy</b>								
a	<b>Mumty Top</b>	Brick coba water proofing treatment as per green building norms								
b	<b>Internal wall and ceiling</b>	<b>Cement</b> putty on <b>2mm thick on RCC</b> of wall to receive Acrylic emulsion paint and on ceiling acrylic emulsion paint <b>2mm thick cement</b> putty surface without putty.								
c	<b>External wall finishes</b>	Textured Paint of approved shade + Granite Cladding + C45Premium acrylic smooth exterior paint with silicone additives. Aluminium Ventilated Façade / Louver System								
d	<b>False ceiling</b>	specified in individual subhead ( <b>Powder coated aluminium ceiling 600X600 mm panel nuts bolted with stainless steel frame work</b> ).								
e	<b>Acoustical wall paneling</b>	refer wall panelling detail for individual areas ( <b>Water proofing bison panels acoustic wall panelling</b> )								
f	<b>Grills</b>	MS grills on windows with flat, angle/tee iron on ground and first floor only, as per approval pattern. ( <b>All steel CMS work with powder coated</b> )								
g	<b>Railing</b>	304 grade, Stainless steel railing as per approved design								

S.No.	Description	Flooring	Skirting	Walls internal	Ceiling	Doors		Windows/ ventilators		REMARK
						Frame	Shutter	Frame	Shutter	
h	Counters	18mm thk. Granite counters with Facia/ corian counter ( with 20mm thick cement mortar )								
I	Window cill	18mm thk.granite, as per elevation, with mouldings								
j	Atrium, court	Cement concrete designer tile flooring , steps with granite flame finish								
k	Urinal partition	Granite/ frosted glass with SS hardware								

**Note: Items related to Green building concepts to achieve minimum 04 STAR GRIHA rating**

**Rating shall be done as per Govt. norms.**

**1 POP (Plaster of Paris) Sweat in humidity, therefore 2mm thick putty may be applied directly on RCC finished walls.**

Finishing Schedule of Student Activity Centre										Dated 21.05.2024
S.No.	Description	Flooring	Skirting	Walls internal	Ceiling	Doors		Windows/ ventilators		REMARK
						Frame	Shutter	Frame	Shutter	
1	<b>Entrance Lobby, Foyer, Common Rooms</b>	18mm thk. Granite stone flooring as per approved pattern / design	--	18mm thk. Granite Dado upto window cill and above Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Gypsum board boxing at periphery (for AC duct covering) & exposed ceiling in balance area	Anodised Aluminium extruded section (Anodizing Colour: Light Bronze)	Anodised Aluminium extruded section glazed shutter with glass spec. as/ Green Building norms & stainless steel hinges. (Anodizing Colour: Light Bronze)	Anodised Aluminium extruded section (Anodizing Colour: Light Bronze).	Anodised Alum. Section	All Base frame should be Non- Anodised
4	<b>Dining Hall</b>	25 mm thk Kota Stone Flooring	-	150 high skirting of flooring material flush with wall. Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Acrylic emulsion paint having low VOC over POP (2mm thick cement putty) putty base to 6mm thick plaster surface.	Metal door frame and shutters, as per approved manufacture specification ( <b>Steel flush door with Frame (Factory Made)(Shakti Hormann)(Steelsheet zinc coated as per IS-277)</b> )		<b>Anodised</b> Alum. Box section (Anodizing Colour: Light Bronze)	<b>Anodised</b> Alum. Section with DGU as per Green Building norms	All Counter top finished with 18mm thk. Granite stone of approved shade, as per detail
5	<b>Kitchen</b>	25 mm thk Kota Stone Flooring	-	300x600x8mm digital printed Ceramic Tiles upto 1500 height	Acrylic emulsion paint having low VOC over POP (2mm thick cement putty) putty base to cement plaster surface	Metal door frame and shutters, as per approved manufacture specification. Louvered panel from lintel level upto beam bottom ( <b>Steel flush door with Frame (Factory Made)(Shakti Hormann)(Steelsheet zinc coated as per IS-277)</b> )		<b>Anodised</b> Alum. Box section (Anodizing Colour: Light Bronze)	<b>Anodised</b> Alum. Section with DGU as per Green Building norms	All Counter top finished with 18mm thk. Granite stone of approved shade, as per detail
5	<b>Student Activity Rooms</b>	Acrylic Synthetic sports surfaces flooring	-	300x600x8mm digital printed Ceramic Tiles upto 1500 height	Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Laminated flush door shutter with teak wood frame, as per approved manufacture specification.		Anodised Alum. Box section (Anodizing Colour: Light Bronze)	Anodised Alum. Section with DGU as per Green Building norms	All Counter top finished with 18mm thk. Granite stone of approved shade, as per detail
6	<b>Passage/ Corridors</b>	18mm thk. Granite stone flooring as per approved pattern / design	--	Exposed Concrete with silicon coating	Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	-	-	Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Aluminum Section, (light bronze color) with glass as per Green Building norms	All Base frame should be Non- Anodised
7	<b>Electric room</b>	Locally available Granite Stone	100 mm high, Locally available Granite Stone stone skirting	Acrylic emulsion paint having low VOC over POP putty base over plaster surface	Acrylic emulsion paint having low VOC over plaster surface	Metal Fire check door frame & shutters with vision panel as per approved manufacture specification (with 02 hours fire rating)		Anodised Aluminium Extruded section (Anodizing Colour: Light Bronze).	Anodised Aluminum Section, light bronze color with glass as per Green Building norms	All Base frame should be Non- Anodised
8	<b>Store</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 600mmx600mm	100 mm high, Locally available Granite Stone stone skirting	Acrylic emulsion paint having low VOC over POP putty base over plaster surface.	Acrylic emulsion paint having low VOC over plaster surface	Laminated flush door shutter with teak wood frame, as per approved manufacture specification.		Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Aluminum Section, light bronze color with glass	All Base frame should be Non- Anodised
9	<b>Lift lobby</b>	18 mm thk. Granite stone flooring as per approved pattern/design	--	Combination of HPL and 16-18mm thk Granite Stone Cladding	Gypsum board false ceiling with cove lighting	Metal Fire check door frame & glazed shutters as per approved manufacture specification (with 02 hours fire rating)		Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Aluminum Section, light bronze color with glass	All Base frame should be Non- Anodised
10	<b>Staircases</b>	Single piece, 25 mm thk. granite stone with 2nos., 5x5mm groove in tread stone, as per detailed drawing		Textured paint of approved shade	Acrylic emulsion paint having low VOC over over plaster surface	Metal Fire check door frame & shutters with vision panel as per approved manufacture specification (with 02 hours fire rating) Metal door & shutter(non Fire check) at exit position		Anodised Aluminium Box section	Anodised Aluminum Section, light bronze color with glass as per Green Building norms	All Base frame should be Non- Anodised

S.No.	Description	Flooring	Skirting	Walls internal	Ceiling	Doors		Windows/ ventilators		REMARK
						Frame	Shutter	Frame	Shutter	
11	<b>Toilets</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 600mmx600mm	-	300x600x8mm digital printed Ceramic Tiles upto lintel level	Gypsum board false ceiling	Laminated flush door shutter with teak wood frame, as per approved manufacture specification.		Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Alum. Section	18mm thk. Granite used in Counter & Urinal partition. Internal Partition for cubicle of HPL of approved make & shade
12	<b>Parking Area</b>	Heavy duty interlocking turf paving blocks/ Grass	-	-	-	-	-	-	-	-
13	<b>Open terraces</b>	PU based cold applied seamless waterproofing membrane over the primed surface with PU/Epoxy primer Layer on RCC mother slab, Insulation Layer: Spray applying an average minimum 65mm thick GRIHA								
14	<b>Sanitary Fittings</b>	White vitreous china oval shaped wash basin with granite platform/ counter, and push cocks based pillar cock. WC with dual control water low level flushing cistern. Health faucet and CP brass toilet fixtures, Half								
15	<b>Water Supply</b>	Exposed on wall / Concealed GI pipes for internal water supply as per the requirement with CP push cocks to save water.								
16	<b>External Development</b>	i) Rain water harvesting with PVC pipe and recharge pits etc. ii) Sewer lines SW pipe of 100 mm dia to 200mm dia - NP2 RCC pipe above 200mm dia.								
a	<b>Mumty Top</b>	Brick coba water proofing treatment as per green building norms								
b	<b>Internal wall and ceiling</b>	P.O.P putty on plastered surfaces of wall to receive Acrylic emulsion paint and on ceiling acrylic emulsion paint to plastered surface without putty.								
c	<b>External wall finishes</b>	Textured Paint of approved shade + Granite Cladding + C45 Premium acrylic smooth exterior paint with silicone additives. Aluminium Ventilated Façade / Louver System								
d	<b>False ceiling</b>	specified in individual subhead								
e	<b>Acoustical wall paneling</b>	refer wall panelling detail for individual areas								
f	<b>Grills</b>	MS grills on windows with flat, angle/tee iron on ground and first floor only, as per approval pattern								
g	<b>Railing</b>	304 grade, Stainless steel railing as per approved design								
h	<b>Counters</b>	18mm thk. Granite counters with Facia/ corian counter ( with 20mm thick cement mortar )								
l	<b>Window cill</b>	18mm thk. granite, as per elevation, with mouldings								
j	<b>Atrium, court</b>	Cement concrete designer tile flooring , steps with granite flame finish								
k	<b>Urinal partition</b>	Granite/ frosted glass with SS hardware								

**Note: Items related to Green building concepts to achieve minimum 04 STAR GRIHA rating**

**Rating shall be done as per Govt. norms.**

**Finishing Schedule of Housing Block**

S.No.	Description	Flooring	Walls internal	Ceiling	Doors		Windows/ ventilators		REMARK
					Frame	Shutter	Frame	Shutter	
1	<b>Entrance Lobby,</b>	18mm thk. Granite stone flooring as per approved pattern / design	18mm thk. Granite Dado upto window cill and above Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Anodised Aluminium extruded section (Anodizing Colour: Light Bronze)	Anodised Aluminium extruded section glazed shutter with glass spec. as/ Green Building norms & stainless steel hinges. (Anodizing Colour: Light	Anodised Aluminium extruded section (Anodizing Colour: Light Bronze).	Anodised Alum. Section With 8mm Heat Strengthened clear Glass	All Base frame should be Non- Anodised
2	<b>Living Room</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 800mmx800mm	150 high skirting of flooring material flush with wall. Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Laminated flush door shutter with teak wood frame, as per approved manufacture specification.		Anodised Alum. Box section (Anodizing Colour: Light Bronze)	Anodised Alum. Section With 8mm Heat Strengthened clear Glass	All Counter top finished with 18mm thk. Granite stone of approved shade, as per detail
3	<b>Bedrooms</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 600mmx600mm	150 high skirting of flooring material flush with wall. Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Laminated flush door shutter with powder coated aluminium frame (with aluminium section insert), as per approved manufacture specification.		Anodised Alum. Box section (Anodizing Colour: Light Bronze)	Anodised Alum. Section With 8mm Heat Strengthened clear Glass	All Counter top finished with 18mm thk. Granite stone of approved shade, as per detail
4	<b>Kitchen</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 600mmx600mm	<b>Ceramic tile dado/</b> 300x600x8mm digital printed Ceramic Tiles upto 1500 height	Acrylic emulsion paint having low VOC over POP putty base to 6mm thick plaster surface.	Laminated flush door shutter with powder coated aluminium frame (with aluminium section insert), as per approved manufacture specification.		Anodised Alum. Box section (Anodizing Colour: Light Bronze)	Anodised Alum. Section With 8mm Heat Strengthened clear Glass	All Counter top finished with 18mm thk. Granite stone of approved shade, as per detail
5	<b>Lift lobby</b>	18 mm thk. Granite stone flooring as per approved pattern/design	Combination of HPL and 16-18mm thk Granite Stone Cladding	Acrylic emulsion paint having low VOC over over plaster surface	Metal Fire check door frame & glazed shutters as per approved manufacture specification (with 02 hours fire rating)		Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Alum. Section With 8mm Heat Strengthened clear Glass	All Base frame should be Non- Anodised
6	<b>Staircases</b>	Single piece, 18mm thk. granite stone with 2nos., 5x5mm groove in tread stone, as per detailed drawing	18mm thk. Granite Dado upto 900mm & above Textured paint of approved shade	Acrylic emulsion paint having low VOC over over plaster surface	Metal Fire check door frame & shutters with vision panel as per approved manufacture specification (with 02 hours fire rating) Metal door & shutter(non		Anodised Aluminium Box section	Anodised Alum. Section With 8mm Heat Strengthened clear Glass	All Base frame should be Non- Anodised

S.No.	Description	Flooring	Walls internal	Ceiling	Doors		Windows/ ventilators		REMARK
					Frame	Shutter	Frame	Shutter	
7	<b>Toilets</b>	Glazed Vitrified tiles Matt/Antiskid finish of size 600mmx600mm	<b>Ceramic tile dado/</b> 300x600x8mm digital printed Ceramic Tiles upto 1500 height	Aluminium Metal false ceiling	Laminated flush door shutter with powder coated aluminium frame (with aluminium section insert), as per approved manufacture specification.		Anodised Aluminium Box section (Anodizing Colour: Light Bronze).	Anodised Alum. Section With 8mm Heat Strengthened clear Glass	18mm thk. Granite used in Counter & Urinal partition. Internal Partition for cubicle of HPL of approved make & shade
	<b>Stilt /Pathway</b>	35mm thick Cement concrete designer tile Ultra or equivalent							
8	<b>Parking Area</b>	Heavy duty interlocking turf paving blocks/ Grass pavers	-	-	-	-		-	-
9	<b>Open terraces</b>	Terrace Water proofing treatment comprising of cement slurry mixed with water proofing cement compound consisting of applying: (a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. (b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. (c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. (d) fourth and final layer of Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 grams per 50 kg of cement in cement mortar,including providing and mixing water proofing material in mortar @ 1 kgper 50 kg of cement, all complete as per direction of Engineer-in-charge.							
10	<b>Sanitary Fittings</b>	White vitreous china oval shaped wash basin with granite platform/ counter, and push cocks based pillar cock. WC with dual control water low level flushing							
11	<b>Water Supply</b>	Exposed on wall / Concealed GI pipes for internal water supply as per the requirement with CP push cocks to save water.							
12	<b>External Development</b>	i) Rain water harvesting with PVC pipe and recharge pits etc. ii)Sewer lines SW pipe of 100 mm dia to 200mm dia - NP2 RCC pipe above 200mm dia.							
<b>a</b>	<b>Mumty Top</b>	Brick coba water proofing treatment as per green building norms							
<b>b</b>	<b>Internal wall and ceiling</b>	P.O.P putty on plastered surfaces of wall to receive Acrylic emulsion paint and on ceiling acrylic emulsion paint to plastered surface without putty.							
<b>c</b>	<b>External wall finishes</b>	Textured Paint of approved shade + Granite Cladding + C45Premium acrylic smooth exterior paint with silicone additives. Aluminium Ventilated Façade / Louver System							
<b>d</b>	<b>False ceiling</b>	specified in individual subhead							
<b>e</b>	<b>Acoustical wall paneling</b>	refer wall panelling detail for individual areas							
<b>f</b>	<b>Grills</b>	MS grills on windows with flat, angle/tee iron on ground and first floor only, as per approval pattern							
<b>g</b>	<b>Railing</b>	304 grade, Stainless steel railing as per approved design							
<b>h</b>	<b>Counters</b>	18mm thk. Granite counters with Facia/ corian counter ( with 20mm thick cement mortar )							
<b>I</b>	<b>Window cill</b>	18mm thk.granite, as per elevation, with mouldings							
<b>j</b>	<b>Atrium, court</b>	Cement concrete designer tile flooring , steps with granite flame finish							
<b>k</b>	<b>Urinal partition</b>	Granite/ frosted glass with SS hardware							

**Note: Items related to Green building concepts to achieve minimum 04 STAR GRIHA rating**

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						Frame	Shutter	Frame	Shutter	
8	<b>Open terraces</b>	Terrace Water proofing treatment comprising of cement slurry mixed with water proofing cement compound consisting of applying: (a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. (b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. (c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. (d) fourth and final layer of Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 grams per 50 kg of cement in cement mortar,including providing and mixing water proofing material in mortar @ 1 kgper 50 kg of cement, all complete as per direction of Engineer-in-charge.								
9	<b>Sanitary Fittings</b>	White vitreous china oval shaped wash basin with granite platform/ counter, and push cocks based pillar cock. WC with dual control water low level flushing cistern.Health faucet and CP brass toilet fixtures,Half stall urinals with sensors for saving of water, liquid soap dispenser, towel rails etc.								
10	<b>Water Supply</b>	Exposed on wall / Concealed GI pipes for internal water supply as per the requirement with CP push cocks to save water.								
11	<b>External Development</b>	i) Rain water harvesting with PVC pipe and recharge pits etc. ii)Sewer lines SW pipe of 100 mm dia to 200mm dia - NP2 RCC pipe above 200mm dia. iii) 80 & 50 mm dia GI pipe for exterior work.								
a	<b>Mumty Top</b>	Brick coba water proofing treatment as per green building norms								
b	<b>Internal wall and ceiling</b>	P.O.P putty on plastered surfaces of wall to receive Acrylic emulsion paint and on ceiling acrylic emulsion paint to plastered surface without putty.								
c	<b>External wall finishes</b>	Textured Paint of approved shade + Granite Cladding + C45Premium acrylic smooth exterior paint with silicone additives. Aluminium Ventilated Façade / Louver System								
d	<b>False ceiling</b>	specified in individual subhead								
e	<b>Acoustical wall paneling</b>	refer wall panelling detail for individual areas								
f	<b>Grills</b>	MS grills on windows with flat, angle/tee iron on ground and first floor only, as per approval pattern								
g	<b>Railing</b>	304 grade, Stainless steel railing as per approved design								
h	<b>Counters</b>	18mm thk. Granite counters with Facia/ corian counter ( with 20mm thick cement mortar )								
I	<b>Window cill</b>	18mm thk.granite, as per elevation, with mouldings								
j	<b>Atrium, court</b>	Cement concrete designer tile flooring , steps with granite flame finish								
k	<b>Urinal partition</b>	Granite/ frosted glass with SS hardware								

**Note: Items related to Green building concepts to achieve minimum 04 STAR GRIHA rating**

**Rating shall be done as per Govt. norms.**

**Finishing Schedule of ESS Block @ GBU**

**Dated  
21.05.24**

S.No.	Description	Flooring	Skirting	Walls internal	Ceiling	Doors		Windows/ ventilators		REMARK
						Frame	Shutter	Frame	Shutter	
1	<b>Incharge/ Operator Room, Store, Transformer Area, Panel Rm</b>	22mm thick terrazo tile flooring in grey cement	150 mm high, 25mm thk. Locally available Granite Stone stone skirting	Acrylic emulsion paint having low VOC over POP putty base over plaster surface	Acrylic emulsion paint having low VOC over POP putty base over plaster surface	Anodised Aluminium extruded section (Anodizing Colour: Light Bronze) MS Rolling shutter, wherever specified in drawing	Anodised Aluminium extruded section glazed shutter with glass spec. as/ Green Building norms & stainless steel hinges. (Anodizing Colour: Light Bronze)	Anodised Aluminium extruded section (Anodizing Colour: Light Bronze).	Anodised Alum. Section	All Base frame should be Non- Anodised
2	<b>Staircases</b>	Single piece,18mm thk, Kota Stone	100 mm high, 25mm thk. Locally available Granite Stone stone skirting	Acrylic emulsion paint having low VOC over POP putty base over plaster surface	Acrylic emulsion paint having low VOC over POP putty base over plaster surface	Anodised Aluminium extruded section (Anodizing Colour: Light Bronze)		Anodised Aluminium extruded section	Anodised Aluminium extruded section	All Base frame should be Non- Anodised
3	<b>Toilets</b>	300x300 anti skid ceramic tiles	Upto lintel level with printed tiles	300x450mm Ceramic Tiles upto lintel level	Aluminium powder coated ceiling tiles 600X 600mm with GI welded frame.	Anodised Aluminium	Glass with exhaust fan	Anodised Aluminium extruded section	Anodised Aluminium extruded section	18mm thk. Granite used in Counter & Urinal partition.
4	<b>Parking Area</b>	Heavy duty interlocking turf paving blocks/ Grass pavers	Light colour tile and stone	paints with adds	colourfull light	iran door frams ss door frams	iran rolling shutter ss ralling shutter		Anodised Aluminium extruded section	-
5	<b>Open terraces</b>	Terrace Water proofing treatment comprising of cement slurry mixed with water proofing cement compound consisting of applying: (a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. (b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. (c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. (d) fourth and final layer of Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 grams per 50 kg of cement in cement mortar,including providing and mixing water proofing material in mortar @ 1 kgper 50 kg of cement, all complete as per direction of Engineer-in-charge.								
6	<b>Sanitary Fittings</b>	White vitreous china oval shaped wash basin with granite platform/ counter, and push cocks based pillar cock. WC with dual control water low level flushing cistern.Health faucet and CP brass toilet fixtures,Half stall urinals with sensors for saving of water, liquid soap dispenser, towel rails etc.								
7	<b>Water Supply</b>	Exposed on wall / Concealed GI pipes for internal water supply as per the requirement with CP push cocks to save water.								
8	<b>External Development</b>	i) Rain water harvesting with PVC pipe and recharge pits etc. ii)Sewer lines SW pipe of 100 mm dia to 200mm dia - NP2 RCC pipe above 200mm dia. iii) 80 & 50 mm dia GI pipe for exterior work. Iv) SMC panel tanks (as per green building norms).								
a	<b>Mumty Top</b>	Brick coba water proofing treatment as per green building norms								
b	<b>Internal wall and ceiling</b>	P.O.P putty on plastered surfaces of wall to receive Acrylic emulsion paint and on ceiling acrylic emulsion paint to plastered surface without putty.								
c	<b>External wall finishes</b>	Granular texture paint (exterior grade) ,Gang saw Diamond cut White sand stone cladding with bands of Red sand Stone at floor levels, recessed areas to be finished with Vineratex textured paint of exterior grade. Parapet coping with 25mm thick Red sand stone.								
d	<b>False ceiling</b>	Finished with waterproofing cement paint								
e	<b>Acoustical wall paneling</b>	--								
f	<b>Grills</b>	MS grills on windows with flat, angle/tee iron on ground and first floor only, as per approval pattern								
g	<b>Railing</b>	MS railing as per approved design								

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